

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims:

1.-20. (Canceled)

21. (Previously Presented) A proppant composition comprising a particulate material that has been coated with a coating composition comprising a homogenous blend of a tracking composition and a resin composition, wherein the tracking composition comprises a substantially non-radioactive tracking material selected from the group consisting of:

a metal salt wherein a metal portion of the metal salt is selected from the group consisting of gold, silver, lithium, molybdenum, and vanadium; and

a metal salt selected from the group consisting of barium bromide, barium iodide, beryllium fluoride, beryllium bromide, beryllium chloride, cadmium bromide, cadmium iodide, chromium bromide, chromium chloride, chromium iodide, cesium bromide, cesium chloride, sodium bromide, sodium iodide, sodium nitrate, sodium nitrite, potassium iodide, potassium nitrate, manganese bromide, zinc bromide, zinc iodide, sodium monofluoroacetate, sodium trifluoroacetate, sodium 3-fluoropropionate, potassium monofluoroacetate, potassium trifluoroacetate, and potassium 3-fluoropropionate.

22-28. (Canceled)

29. (Previously Presented) The proppant composition of claim 21 wherein the particulate material is selected from the group consisting of fibrous materials, tackifying agents, and deformable beads.

30. (Canceled)

31. (Previously Presented) The proppant composition of claim 21 further comprising a particulate material tagged with the tracking material.

32-43. (Canceled)

44. (Previously Presented) A proppant composition comprising particulate material that has been coated with a coating composition comprising a tracking composition and a resin

composition, wherein the tracking composition comprises a substantially non-radioactive tracking material selected from the group consisting of:

a metal salt wherein a metal portion of the metal salt is selected from the group consisting of gold, silver, molybdenum, and vanadium; and

a metal salt selected from the group consisting of barium bromide, barium iodide, beryllium fluoride, beryllium bromide, beryllium chloride, cadmium bromide, cadmium iodide, chromium bromide, chromium chloride, chromium iodide, cesium bromide, cesium chloride, sodium bromide, sodium iodide, sodium nitrate, sodium nitrite, potassium iodide, potassium nitrate, manganese bromide, zinc bromide, zinc iodide, sodium monofluoroacetate, sodium trifluoroacetate, sodium 3-fluoropropionate, potassium monofluoroacetate, potassium trifluoroacetate, and potassium 3-fluoropropionate.

45. (Previously Presented) The proppant composition of claim 44 wherein the particulate material is selected from the group consisting of fibrous materials, tackifying agents, and deformable beads.

46. (Previously Presented) The proppant composition of claim 44 further comprising a particulate material tagged with the tracking material.

47. (Canceled)

48. (Previously Presented) The proppant composition of claim 44 wherein the resin composition and the tracking composition are a homogenous blend that is coated on the particulate material.

49. (Previously Presented) A proppant composition comprising a particulate material that has been coated with a coating composition comprising a tracking composition, wherein the tracking composition comprises a substantially non-radioactive tracking material, wherein the substantially non-radioactive tracking material comprises at least one metal salt selected from the group consisting of: barium bromide, barium iodide, beryllium fluoride, beryllium bromide, beryllium chloride, cadmium bromide, cadmium iodide, chromium bromide, chromium chloride, chromium iodide, cesium bromide, cesium chloride, sodium bromide, sodium iodide, sodium nitrate, sodium nitrite, potassium iodide, potassium nitrate, manganese bromide, zinc bromide, zinc iodide, sodium monofluoroacetate, sodium trifluoroacetate, sodium 3-fluoropropionate, potassium monofluoroacetate, potassium trifluoroacetate, and potassium 3-fluoropropionate.

50. (Previously Presented) The proppant composition of claim 49 wherein the particulate material is selected from the group consisting of fibrous materials, tackifying agents, and deformable beads.

51. (Previously Presented) The proppant composition of claim 49 further comprising a particulate material tagged with the substantially non-radioactive tracking material.

52. (Previously Presented) The proppant composition of claim 49 wherein the coating composition further comprises a resin composition.

53. (Previously Presented) The proppant composition of claim 52 wherein the resin composition and the tracking composition are a homogenous blend that is coated on the particulate material.